In the Claims:

1. A heat alert safety device attachable to a surface for warning individuals that the surface is hot, comprising:

a thermochromic composition,

a container for housing said composition and having a convex face, said face overlying said composition and said container being transparent in at least a portion of the container overlying the thermochromic composition, said container made of a heat conductive material,

the thermochromic composition designed to undergo and maintain a readily perceptible color change whenever the temperature of the hot surface exceeds a predetermined temperature, said color change revealing a heat warning symbol ~~beneath the thermochromic composition~~ that communicates that the surface is dangerously hot,

an attachment element made of a heat conductive material and bonded to said container, said attachment element being attachable to a surface which may become hot,

the convex face being substantially visible through an angle of incidence of at least 90 degrees,

the container and the attachment element together forming a circular shape.

2. The device of claim 1, wherein said attachment element is a magnet.

3. The device of claim 1, wherein when the temperature of the surface does not exceed the predetermined temperature the thermochromic composition is of approximately the same color as

a background color of the hot surface.

4. The device of claim 1, wherein a stem is mounted between said container and said attachment element, said stem made of heat conducting material and designed to offset the container from said surface and wherein the container, stem and attachment element together form a circular shape.

5. The device of claim 4, wherein a pivot element is formed at a junction of said container and said stem, said pivot element enabling the container to be positioned by a user in a range of angles with respect to said surface, in order to vary a zone of maximum viewing effectiveness.

6. The device of claim 1, wherein a pivot element is formed at a junction of said container and said attachment element, said pivot element enabling the container to be positioned by a user in a range of angles with respect to said surface, in order to vary a zone of maximum viewing effectiveness.

7. The device of claim 1, wherein said attachment element is a high temperature thermally conductive cement.

8. The device of claim 1, wherein said attachment element is a suction cup.

9. The device of claim 1, wherein the convex face is further covered with a transparent

vitreous coating.

10. The device of claim 1, wherein the thermochromic composition is a semiconductor.